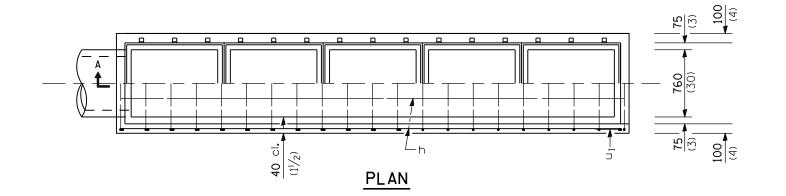
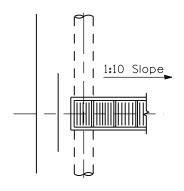
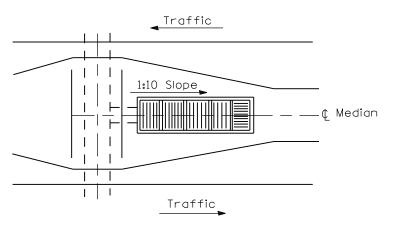


NOTE: Culvert pipe may exit from the side (or sides) by changing reinforcement bars in that area and in the headwall end of box.





Detail showing exit from side (or sides)



Sketch showing location and direction of main bearing bars in relation to ¢ median (showing exit from end)

## GENERAL NOTES

The surface of the grates shall be flush with the top edge of the frame, sidewalls, and headwall. All frames shall be galvanized and anchored in concrete. They shall be factory assembled and all joints shall be welded per detail.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in millimeters (inches) unless otherwise shown.

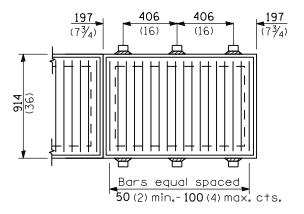
		_
DATE	REVISIONS	
1-1-07	Increased depth of	
	f & g. Soft converted	
	metric rebars.	
1-1-98	Rev. metric value	┝
	from "330" to "585"	
	and "50" to "300".	

INLET BOX TYPE G 600 mm (24")

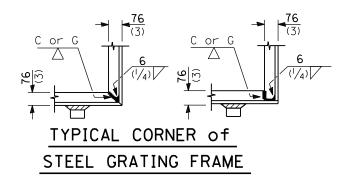
(Sheet 1 of 2)

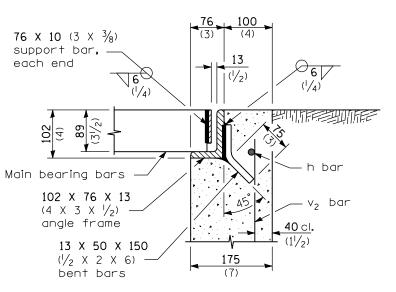
STANDARD 542531-02



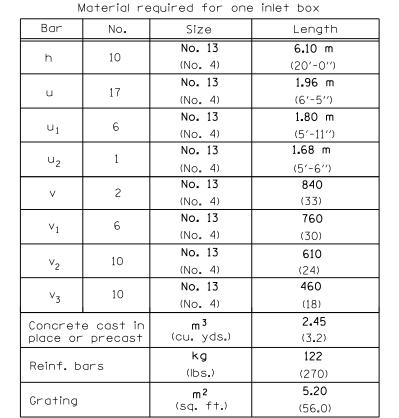


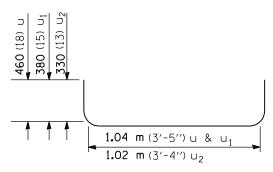
## TYPICAL STEEL GRATING



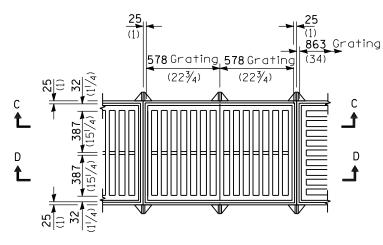


SECTION B-B

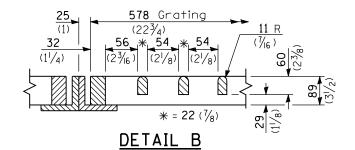




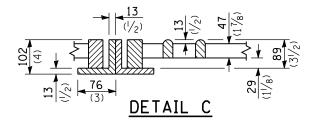
BARS u, u<sub>1</sub> & u<sub>2</sub>



## TYPICAL CAST GRATING









All dimensions are in millimeters (inches) unless otherwise shown.

> INLET BOX TYPE G 600 mm (24")

(Sheet 2 of 2)

STANDARD 542531-02

